

Wickes Brothers

Established 1856
Saginaw, Mich.

Sales Offices: 501 Fifth Ave., New York, N. Y.

736 White-Henry Bldg., Seattle, Wash.

Sales Agents: A. Lietz Co., Los Angeles and San Francisco, Calif.

Manufacturers of

Blue Printing Equipment

Modern School Drafting Room Equipment

The modern conception of the purpose of a school course is to acquaint students with industrial practice as well as to train them in the technique of drawing. Years ago a student might complete a course in drafting without learning the difference between various types of blue print paper—without even knowing that there was such a thing as a VanDyke. This in spite of the fact that the ultimate purpose of a mechanical drawing is the production of prints. It remained for Wickes Brothers to produce a Blue Printing Machine and other equipment so low in first cost, so economical in operation, so simple and safe to operate and so compact that the average school could see its way clear at least to teach students real industrial practice. Hundreds of schools are now using Wickes Brothers equipment in their drafting rooms.

Wickes Blue Printing Machines

Advantages—Prints made with the Wickes Blue Printing Machine are absolutely uniform in tone throughout and lines are sharp and clear. All work is done in broad daylight. There is no glass cylinder to clean, break or replace. Simple in operation. Will outprint any other machine per unit of electricity consumed.

Operation—The Wickes continuous electric blue printing machine will print separately cut sheets or continuous rolls in any length and in widths varying from 2 to 48 in. The paper and tracing, placed on a continuous traveling belt, are carried to the feed roller and around the printing cylinder in which is mounted the lighting element. The printed paper is then delivered to a light-tight storage



Wickes Continuous Electric Blue Printing Machine

compartment and the tracing is returned to the operator or carried to the storage compartment, as desired.

The machine is entirely automatic, the only work required of the operator being the placing of the tracing and blue print paper on the traveling belt. The entire operating mechanism is controlled by three toggle switches conveniently located for the operator. The operator, without changing position, can start, stop, reverse, or vary speed of drive. The entire electrical mechanism is approved by the National Board of Fire Underwriters.

Continuous Traveling Belt—The contact between tracing and paper is secured by means of a single, wide, continuous belt which passes around the feed rolls and the metallic printing cylinder. The tension of this belt is regulated automatically. Its life is guaranteed for three years' service.

Lighting Element—The light is obtained from one or two mercury vapor lamps of standard pattern. These lamps operate at a very low temperature and require absolutely no attention from the operator at any time.

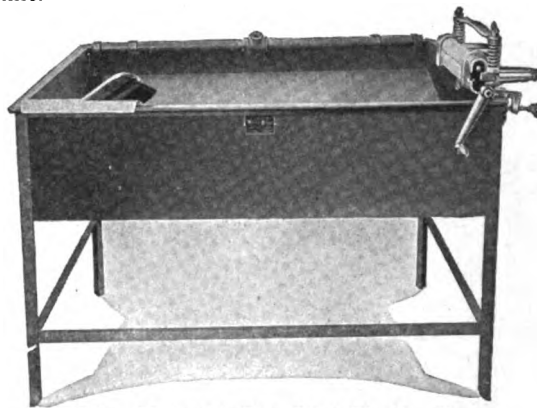
Model 20 Blue Printing Machine

The Model 20 machine carrying two lighting elements on separate starting apparatus has a liberal capacity. With the improved variable speed, 4-step, quick change gear box and adjustment of motor on iron driving disc, the printing speed can be adjusted to suit any grade of paper, including VanDyke's. The machine is entirely self-contained; is 30 in. high and requires a floor space of 2 ft. 6 in. by 5 ft.

Model 15 Blue Printing Machine

The Model 15 machine is constructed exactly like the Model 20 except that it carries only one lighting element,

decreasing the printing speed about one-half. It is so constructed that another lighting element can be added at any time as required, thus changing it to a Model 20 machine.



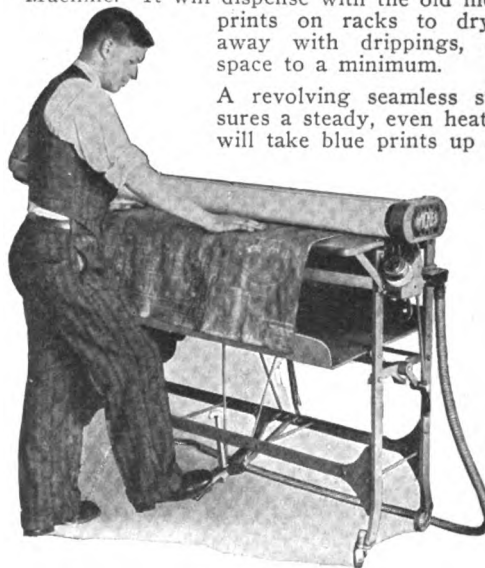
Wickes Horizontal Blue Print Washing Tank

The Wickes Washer

The Wickes Horizontal Blue Print Washer is extremely durable and is a great convenience in the drafting room as it affords a means of washing prints speedily and without muss and bother. The washing tank 36 inches x 48 inches in size is constructed of strong sheet metal on angle iron legs, with sufficient slant so water will run rapidly from prints being washed. A pipe with a gang of holes to give spray effect is mounted on the back. The chemical tray with brush is in front and the wringer is attached to the side—all within easy reach of the operator.

The Wickes Electric Dryer

This Dryer is especially recommended for use in connection with the Wickes Continuous Electric Blue Printing Machine. It will dispense with the old method of hanging prints on racks to dry thereby doing away with drippings, conserving floor space to a minimum.



Wickes Electric Dryer in Operation

A revolving seamless steel cylinder insures a steady, even heat at all times. It will take blue prints up to 48" wide, unlimited lengths.

Prints may be dried continuously without stopping and starting dryer. A wide hard maple feed board leads to the rolls.

It is as nearly automatic as possible. One pressure of the foot lever puts the whole machine in operation. No levers to work—no

buttons to push on and off, both hands being always free to handle prints being dried. It has a powerful motor, and operates without noise or vibration. It is sturdily built, the frame being of rigid, indestructible channel iron finished in enamel.

Catalogs

Catalogs fully describing the Wickes blue printing equipment will be sent on request.

Wickes Brothers, Saginaw, Mich.